

ABSTRACT

The present invention provides a formed interface there between a magnetic core proximate an armature of an electromagnetically actuable device. A coil of the electromagnetically actuable device is selectively energized to draw the armature to the magnetic core. The formed interface is adapted to provide three contact areas in a triangular configuration at the mating surfaces of the armature and magnetic core which causes a minimal magnetic air gap and a stable interface there when the coil is energized. The formed interface overcomes the surface deformations of the armature and magnetic core to reduce vibration and noise.